

North America Polymerase Chain Reaction Technologies Market Analysis (2017-2023)

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Abstracts

The North America Polymerase Chain Reaction Technologies Market would witness market growth of 4.9% CAGR during the forecast period (2017 – 2023). Polymerase chain reaction technology devices are medical devices that are primarily used to generate thousands to millions of copies of a piece of deoxyribonucleic acid (DNA). These devices are majorly used in different life science fields such as genetics, molecular biology research, biotechnology, drug discovery, and clinical diagnostics. Additionally, the technology is also used in identifying criminals and child identity in various forensics departments. Further, the device is also being used in diagnosing disease such as middle ear infections, tuberculosis, AIDS, and Lyme diseases.

Growing geriatric population, growing prevalence of infectious diseases, rapidly growing diagnostic centers and hospitals, technological advancements, and growing awareness and acceptance of personalized medicine are the factors that drive the polymerase chain reaction technologies market. Nevertheless, growing non-validated home-brew tests and reimbursement issues are the factors that limit the growth of the market. Also, accuracy and timely results for RT-PCR would further add to the challenges to the polymerase chain reaction technologies growth. Less tedious processes open avenues for the PCR market. Additionally, increasing funding towards research and development activities and large untapped markets in developing regions would further add to the market opportunities during the forecast period.

Based on technology, the market report segments the market into Real-Time PCR, Digital PCR, and Traditional PCR. The application segment covers Clinical, Research, and Forensics. Based on product, the market is segmented into Reagents & Consumables, Instruments, Software, and Services. The end user covered under the report includes Diagnostic Centers & Hospitals, Biotech & Pharma Companies, and

Academic & Research Institutions. The report also covers country wise segmentation of Polymerase Chain Reaction Technologies market. The countries included in the report are US, Mexico, Canada, and Rest of North America.

The market research report covers the analysis of key stake holders of the North America Polymerase Chain Reaction Technologies Market. Key companies profiled in the report include Agilent Technologies, BioMerieux, Bio-Rad Laboratories, Inc., Hoffmann-La Roche Ltd, Fluidigm Corporation, LGC Limited, Qiagen NV, SYGNIS Pharma AG, Takara Bio, Inc., and Thermo Fisher Scientific.

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